PATENT Attorney Docket No.: HYP-043

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#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**APPLICANTS:** 

Lu et al.

BATCH NO.:

V97

**SERIAL NO.:** 

09/119,163

**GROUP NO.:** 

3742

FILING DATE:

July 20, 1998

**EXAMINER:** 

M. Paschall

TITLE:

ELECTRODE FOR A PLASMA ARC TORCH HAVING AN

IMPROVED INSERT CONFIGURATION

Assistant Commissioner for Patents Washington, D.C. 20231

#### **LETTER OF CLARIFICATION**

As discussed with Examiner Mark Paschall on August 4, 2000, there is an error in the Supplemental Notice of Allowability (Paper No. 12), mailed July 11, 2000. A copy of the Supplemental Notice of Allowability is enclosed. The Supplemental Notice of Allowability incorrectly lists the allowed claims as 1, 2, 4-10, and 12-14.

In contrast, the original Notice of Allowability (Paper No. 8), mailed July 19, 1999, correctly lists the allowed claims as claims 1, 2, 4-10, and 12-40. A copy of the Notice of Allowability is enclosed. Applicants respectfully request correction in due course.

The Examiner is invited to telephone Applicants' undersigned representative to discuss any outstanding issues.

Letter of Clarification Serial No.: 09/119,163

Page 2 of 2

#### **FEE AUTHORIZATION**

Should any fee be required with the submission of this paper the Commissioner is authorized to charge the missing fee to our Deposit Account, No. 20-0531.

Respectfully submitted,

Joseph P. Sullivan

Attorney for the Applicants

Testa, Hurwitz, & Thibeault, LLP

High Street Tower 125 High Street

Boston, Massachusetts 02110

Tel. No.: (617) 248-7677 Fax No.: (617) 248-7100

Date: August 4, 2000 Reg. No.: 45,349

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**PATENT** 

## Attorney Docket No. HYP-043

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#### CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8

I hereby certify that this correspondence, and any documents referred to as enclosed herein, are being deposited with the United States Postal Service as First Class Mail, postage prepaid, in an envelope addressed Assistant Commissioner for Patents, Washington, DC 20231 on this 4th day of August, 2000.

Mary E. Higdon

**Assistant Commissioner for Patents** Washington, D.C. 20231

Sir:

Submitted herewith are the following:

Transmittal Form (1 pg.); Letter of Clarification (2 pp.); Supplemental Notice of Allowability (4 pg.) (copy); Notice of Allowability (1 pg.) (copy); Associate Power of Attorney (1 pg.); and a return receipt postcard.

JSULLIVA\4527\52.1046657 1

07,19,99 OK to Enter

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# TRANSMITTAL FORM

		<u> </u>
Application Serial Number	09/119,163	7,00
Filing Date	July 20, 1998	WE TRANSPOR
First Named Inventor	Lu	Manager
Group Art Unit	3742	
Examiner Name	M. Paschall	
Attorney Docket No.	HYP-043	

ENCLOSURES (check all that apply)						
☐ Fee	Transmittal Form		Copy of Notice	to File Missing ation (PTO-1553)		Appeal Communication to Board of Patent Appeals and Interferences
	☐ Check Attached ☐ Copy of Fee Transmittal Form		Formal Drawing			Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
	Amendment/Response		and Accompany Convert to a Pro			Status Letter
	☐ After Final		Application			Return Receipt Postcard
	Affidavits/declaration(s) Letter to Official Draftsperson		Power of Attorn (Revocation of I			Certificate of First Class Mailing under 37 C.F.R. 1.8
	including Drawings [Total Sheets]		Terminal Discla	nimer	⋈	Additional Enclosure(s)
	Extension of Time Request		Executed Declar Attorney for Uti Patent Applicati		Supplem	Clarification ental Notice of Attowability (copy) f Allowability (copy) e Power of Attorney
	Information Disclosure Statement		Small Entity Sta	atement		23 日
	Form PTO-1449 Copies of IDS Citations		Request for Ref	und		VED 2000 AIL RO
	Certified Copy of Priority Document(s)		After Allowance to Group	e Communication		70K
	Response to Missing Parts/ Incomplete Application					•
CORRE	SPONDENCE ADDRESS			SIGNATURE BL	оск	
Direct all correspondence to:  Patent Administrator Testa, Hurwitz & Thibeault, LLP High Street Tower 125 High Street Boston, MA 02110 Tel. No.: (617) 248-7000 Fax No.: (617) 248-7100			Thibeault, LLP  0 8-7000	Date: August 4, 200 Reg. No. 45,349 Tel. No.: (617) 248- Fax No.: (617) 248-	-7677	Joseph P. Sullivan Attorney for Applicants Testa, Hurwitz & Thibeault, LLP High Street Tower 125 High Street Boston, MA 02110



## UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office

Address: COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

APPLICATION NO. FILING DATE FIRST NAMED INVENTOR

ATTORNEY DOCKET NO.

HYP-U43 (452)

AND 17 20 21323

QM61/0711 
PASCHALL.M

HIGH STREET TOWER

125 HIGH STREET

BOSTON MA 02110

ARTUNIT PAPER NUMBER

3/42

DATE MAILED:

07/11/00

Please find below and/or attached an Office communication concerning this application or proceeding.

**Commissioner of Patents and Trademarks** 

RECEIVED

AUG 23 2000

TC 3700 MAIL ROOF





COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

APPLICATION NUMBER FILING DATE FIRST NAMED APPLICANT, ATTORNEY DOCKET NO.

**EXAMINER** 

ART UNIT PAPER NUMBER

DATE MAILED:

This is a communication from the examiner in charge of your application.

COMMISSIONER OF PATENTS AND TRADEMARKS

Supplemental

#### NOTICE OF ALLOWABILITY

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or

This communication is responsive to Papers Alef 11-22-99 8/16/99	
(2) The allowed claim(s) is/are /, 2, 4-/0 /2-/4	
The drawings filed on are acceptable.	
☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).	
☐ All ☐ Some* ☐ None of the CERTIFIED copies of the priority documents have been	
☐ received.	
received in Application No. (Series Code/Serial Number)	
received in this national stage application from the International Bureau (PCT Rule 17.2(a)).	
*Certified copies not received:	
Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).	
A SHORTENED STATUTORY PERIOD FOR RESPONSE to comply with the requirements noted below is set to EXPIRE THREE MONTHS FROM THE "DATE MAILED" of this Office action. Failure to timely comply will result in ABANDONMENT of this application. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).	3
☐ Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL APPLICATION, PTO-152, which discloses that the oath or declaration is deficient. A SUBSTITUTE OATH OR DECLARATION IS REQUIRED.	
☐ Applicant MUST submit NEW FORMAL DRAWINGS	
because the originally filed drawings were declared by applicant to be informal.	
including changes required by the Notice of Draftperson's Patent Drawing Review, PTO-948, attached hereto or to Paper No	
including changes required by the proposed drawing correction filed on, which has been approved by the examiner.	
including changes required by the attached Examiner's Amendment/Comment.	
including changes required by the attached Examiner's Amendment/Comment.  Identifying Indicia such as the application number (see 37 CFR 1.84(c)) should be written on the reverse side of the drawings. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftperson.	
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SHEET 1 OF 1

FORM PTO - 1449					ATTORNEY DOCKET NO.: HYP-043						
SUPPLEMENTAL INFORMATION				APPLICANT(S): Lu et al.							
DISCLOSURE STATEMENT					SERIAL NO.: 09/119,163 Batch No. V97						
				FILING DATE: July 20, 1998 GROUP: 3742							
			DOCUM	ENTS		·					
EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS SUB FILING D		ING DATE				
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TESTA HURWITZ & THIBEAULY THIBEAULY THIBEAULY THIBEAULY TOWER 125 HIGH STREET BOSTON MA 02110

PATENT DEPARTMENT Testa, hurwitz & Thiseauli, LLP

### Response to Rule 312 Communication

The petition filed on	under 37 CFR 1.312(b) is granted.	The paper has been
forwarded to the examiner for considerati	on on the merits.	

Director,

Patent Examining Group

 $\times$  The amendment filed on 6/16/00under 37 CFR 1.312 has been considered, and has been:

entered.

entered as directed to matters of form not affecting the scope of the invention (Order 3311).

disapproved. See explanation below.

in entered in part. See explanation below.

Mark Paschall

Primary Examiner

TC 3700 MAIL ROOM

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FIRST NAMED APPLICANT

QM01/0719

ATTORNEY DOCKET NO.

ó21323 TESTA HURWITZ & THIBEAULT HIGH STREET TOWER 125 HIGH STREET RECEIVED BOSTON MA 02110

EXAMINER PASCHALL, M

ART UNIT

PAPER NUMBER 67/19/99

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DATE MAILED:

JUL 2 1 1999 Oct NESTA HURWITZ & THIBEAULT NESTA HURWITZ & THIBEAULT

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PART I.

1. 1 This communication is responsive to PAPERS FILED 05/10/99

2. 2 All the claims being allowable. PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice Of Allowance And Issue Fee Due or other appropriate communication will be sent in due PART I. 4-10,12-40 6. Note the attached Examiner's Amendment. 7. D. Note the attached Examiner Interview Summary Record, PTOL-413. 8. 
Note the attached Examiner's Statement of Reasons for Allowance. 9. Note the attached NOTICE OF REFERENCES CITED, PTO-892. 10. Note the attached INFORMATION DISCLOSURE CITATION, PTO-1449. A SHORTENED STATUTORY PERIOD FOR RESPONSE to comply with the requirements noted below is set to EXPIRE THREE MONTHS
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FROM THE "DATE MAILED" indicated on this form. Failure to timely comply will result in the ABANDONMENT of this application.

Extensions of time may be obtained under the provisions of 37 CFR 1.136(a). 1. □ Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL APPLICATION, PTO-152, which discloses that the oath or declaration is deficient. A SUBSTITUTE OATH OR DECLARATION IS REQUIRED. 2. X APPLICANT MUST MAKE THE DRAWING CHANGES INDICATED BELOW IN THE MANNER SET FORTH ON THE REVERSE SIDE a. Drawing informalities are indicated on the NOTICE RE PATENT DRAWINGS, PTO-948, attached hereto or to Paper No.

CORRECTION IS REQUIRED. has been approved by the examiner, CORRECTION IS C. Approved drawing corrections are described by the examiner in the attached EXAMINER'S AMENDMENT. CORRECTION IS REQUIRED. b. 

The proposed drawing correction filed on d. 😿 Formal drawings are now REQUIRED. 70,700 PM Any response to this letter should include in the upper right hand corner, the following information from the NOTICE OF ALLOWANCE AND ISSUE FEE DUE: ISSUE BATCH NUMBER, DATE OF THE NOTICE OF ALLOWANCE, AND SERIAL NUMBER. phanpit, ...... Notice of Informal Application, PTO-152 than convetion of vice \_ Notice re Patent Drawings, PTO-948 \_ Examiner's Amendment ■ Examiner Interview Summary Record, PTOL- 413 10 \_ Listing of Bonded Draftsmen Reasons for Allowance
Notice of References Cited, PTO-892 XInformation Disclosure Citation, PTO-1449

> Mark Paschall Primary Examiner (\*)

PTOL-37 (REV. 4-89) \*

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